

[ACTIVE MATRIX ORGANIC LIGHT EMITTING DIODE DISPLAY AND FABRICATING METHOD THEREOF]

Abstract

A method of fabricating an active matrix organic light emitting diode display is described. A substrate having an emitting region and a non-emitting region thereon is provided. Pixel structures are formed on the substrate in the emitting region, and a power line electrically connected with the pixel structures is formed on the substrate in the non-emitting region at the same time. Then, a cap is deposited above the substrate and bonded with the substrate. The cap covers the emitting region of the substrate and the power line. Since the power line is designed inside the cap, the cap can protect the power line from damage of the outside environment thus improving the lifetime of the display.